

WIRELESS ANTENNA SWITCHING SYSTEM

Liam B. Quinn
Alan Eric Sicher

ABSTRACT OF THE DISCLOSURE

A switching system to multiple transceivers in a mobile computing system allows communication through various technologies, namely belonging to WWAN, WLAN, and WPAN space. A common antenna or antennas is shared by the

5 transceivers. The switching system connects the proper transceiver to the antenna system and communication priority to and from the computer system is given to the chosen transceiver. The transceivers are placed on a Mini PCI card or similar factor form and interface directly to the computing system. Transceiver priority may be chosen by a particular application or when communication is being sent to the system,

10 the proper transceiver may be chosen to receive the communicated signals.